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LOGINID: ~~XXXXXXXXXX~~

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered  
NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC  
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available  
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded  
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced  
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY  
NEWS 12 MAR 22 PATDPASPC - New patent database available  
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags  
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new fields  
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced  
NEWS 16 APR 18 New CAS Information Use Policies available online  
NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.  
NEWS 18 APR 28 Improved searching of U.S. Patent classifications for U.S. patent records in CA/CAPLUS  
NEWS 19 MAY 23 GBFULL enhanced with patent drawing images  
NEWS 20 MAY 23 REGISTRY has been enhanced with source information from CHEMCATS

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 19:14:44 ON 25 MAY 2005

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 19:14:52 ON 25 MAY 2005

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STRUCTURE FILE UPDATES: 24 MAY 2005 HIGHEST RN 851066-92-7

DICTIONARY FILE UPDATES: 24 MAY 2005 HIGHEST RN 851066-92-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

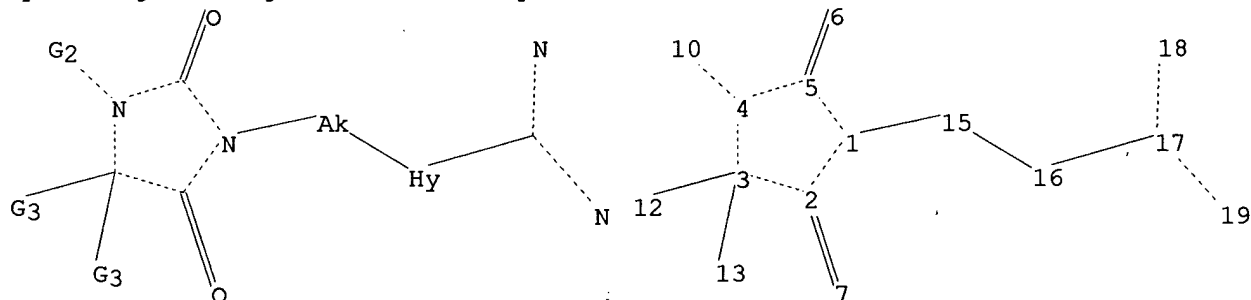
\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10668920d.str



chain nodes :

6 7 10 12 13 15 16 17 18 19

ring nodes :  
 1 2 3 4 5  
 chain bonds :  
 1-15 2-7 3-12 3-13 4-10 5-6 15-16 16-17 17-18 17-19  
 ring bonds :  
 1-2 1-5 2-3 3-4 4-5  
 exact/norm bonds :  
 1-2 1-5 1-15 2-3 2-7 3-4 3-12 3-13 4-5 4-10 5-6 15-16 16-17 17-18  
 17-19

G1:C,O,S

G2:Cy,Ak

G3:H,Cy,Ak

Match level :

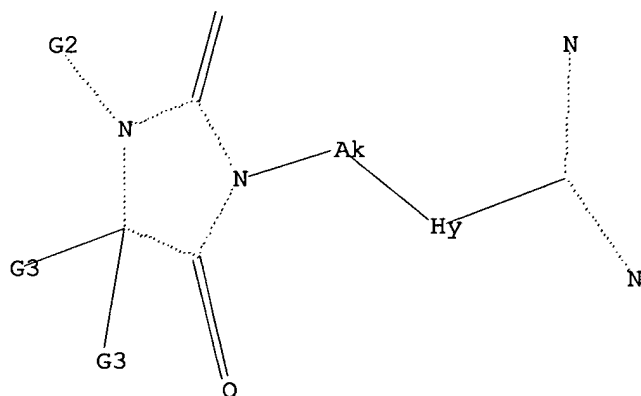
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 12:CLASS  
 13:CLASS 15:CLASS 16:Atom 17:CLASS 18:CLASS 19:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S

G2 Cy,Ak

G3 H,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s L1

SAMPLE SEARCH INITIATED 19:15:11 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 224 TO ITERATE

100.0% PROCESSED 224 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3583 TO 5377

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L1 full

FULL SEARCH INITIATED 19:15:16 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3985 TO ITERATE

100.0% PROCESSED 3985 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

163.48

163.69

FILE 'REGISTRY' ENTERED AT 19:18:21 ON 25 MAY 2005

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DICTIONARY FILE UPDATES: 24 MAY 2005 HIGHEST RN 851066-92-7

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

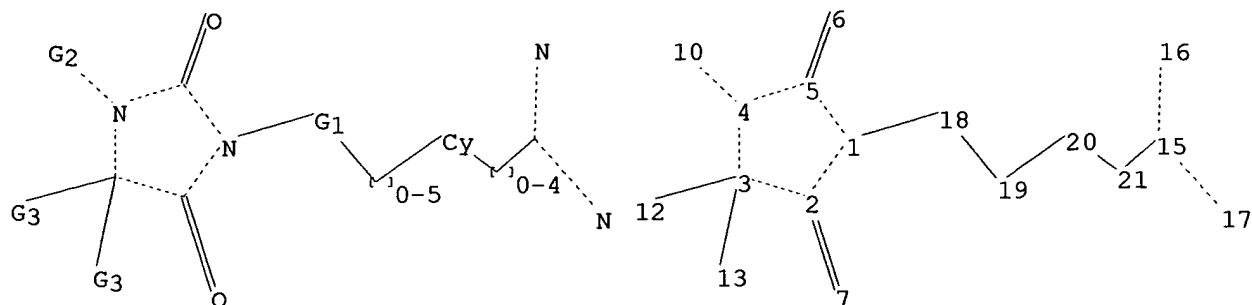
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10668920e.str



```

chain nodes :
6 7 10 12 13 15 16 17 18 19 20 21
ring nodes :
1 2 3 4 5
chain bonds :
1-18 2-7 3-12 3-13 4-10 5-6 15-17 15-16 15-21 18-19 19-20 20-21
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-18 2-3 2-7 3-4 3-12 3-13 4-5 4-10 5-6 15-17 15-16 18-19
19-20 20-21
exact bonds :
15-21

```

G1:C,O,S

G2: Cy,Ak

G3:H,Cy,Ak

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 12:CLASS
13:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom 21:CLASS

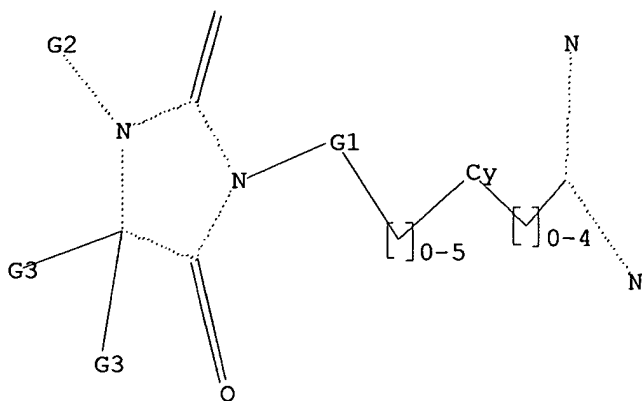
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L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



G1 C,O,S  
G2 Cy,Ak  
G3 H,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s L4

SAMPLE SEARCH INITIATED 19:18:48 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 200 TO ITERATE

100.0% PROCESSED 200 ITERATIONS  
SEARCH TIME: 00.00.01

5 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 3152 TO 4848  
PROJECTED ANSWERS: 5 TO 234

L5 5 SEA SSS SAM L4

=> s L4 full

FULL SEARCH INITIATED 19:18:53 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3540 TO ITERATE

100.0% PROCESSED 3540 ITERATIONS  
SEARCH TIME: 00.00.01

137 ANSWERS

L6 137 SEA SSS FUL L4

=> fil caplus

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
161.33	325.02

FILE 'CAPLUS' ENTERED AT 19:18:59 ON 25 MAY 2005  
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FILE COVERS 1907 - 25 May 2005 VOL 142 ISS 22  
FILE LAST UPDATED: 24 May 2005 (20050524/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L6

L7 2 L6

=> d L7 ibib abs

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:513339 CAPLUS

DOCUMENT NUMBER: 141:54344

TITLE: Preparation of imidazolidinediones as factor VIIa/tissue factor inhibitors for the treatment of thrombosis.

INVENTOR(S): Arnaiz, Damian O.; Chou, Yuo-Ling; Griedel, Brian D.; Mohan, Raju; Shaw, Kenneth J.

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany

SOURCE: U.S. Pat. Appl. Publ., 18 pp.

CODEN: USXXCO

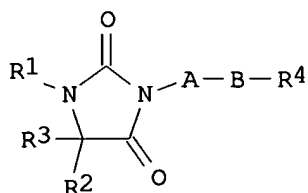
DOCUMENT TYPE: Patent

LANGUAGE: English

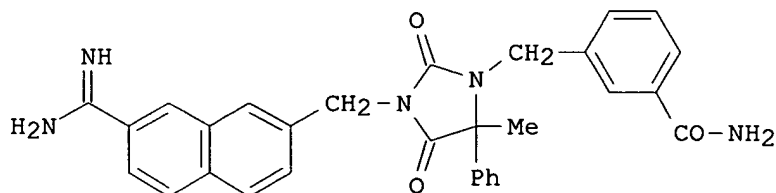
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004122073	A1	20040624	US 2003-668920	20030923
PRIORITY APPLN. INFO.:			US 2002-413067P	P 20020924
OTHER SOURCE(S):	MARPAT	141:54344		
GI				



I



II

AB Tilte compds. I [R1 = alkyl, alkenyl, alkynyl, etc.; R2, R3 = alkyl, alkenyl, alkynyl, etc.; A = (un)substituted alkylene, alkylidene, alkylidyne, etc.; B = aryl, heteroaryl; R4 = amidine, carboxyamidine, hydroxyamidine, etc.] and their pharmaceutically acceptable salts and formulations were prepared For example, imidazolidinedione II trifluoroacetic acid salt was prepared from 5-methyl-5-phenylhydantoin in 3-steps. In factor VIIa/tissue factor inhibition assays, 90-examples of compds. I exhibited  $k_i$  values of about 5 $\mu$ M or less (sic). Compds. I are claimed useful as anticoagulant and antithrombotic agents.

=> d L7 ibib abs 2

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:869482 CAPLUS

DOCUMENT NUMBER: 137:365551

TITLE: Direct measurement of coagulation factor VIIa activity in plasma and application to screening of Factor VIIa inhibitors

INVENTOR(S): Chi, Liguo; Leadley, Robert Joseph, Jr.; Peng, Yun-Wen  
PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 14 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002168700	A1	20021114	US 2002-141396	20020508
US 6773896	B2	20040810		
EP 1260817	A2	20021127	EP 2002-9326	20020502
EP 1260817	A3	20021218		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CA 2385212	AA	20021108	CA 2002-2385212	20020506
JP 2002360297	A2	20021217	JP 2002-131432	20020507

PRIORITY APPLN. INFO.: US 2001-289539P P 20010508

AB The present invention generally provides a method of measuring the biol. activity of coagulation factor VIIa (Factor VIIa). Specifically, the



present invention provides a method for directly measuring the activity of Factor VIIa in a plasma sample. The method of the present invention includes the steps of combining a quantity of a plasma sample with acetonitrile, drying the plasma sample, and combining the dried plasma with a solution containing a buffer, Factor VIIa, and a detectable Factor VIIa substrate (preferably chromogenic substrate). More specifically, the present invention provides a method for utilizing Factor VIIa activity as a bio-marker to monitor Factor VIIa inhibition to screen compds. which are able to inhibit the biol. activity of Factor VIIa. Plasma concentration of Factor VIIa inhibitors can be estimated based on the Factor VIIa assay of the invention in various concns. of plasma.

REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil beilstein

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
6.20	331.22

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.46	-1.46

CA SUBSCRIBER PRICE

FILE 'BEILSTEIN' ENTERED AT 19:20:02 ON 25 MAY 2005

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FILE RELOADED ON OCTOBER 20, 2002

FILE LAST UPDATED ON APRIL 21, 2005

FILE COVERS 1771 TO 2004.

\*\*\* FILE CONTAINS 9,218,366 SUBSTANCES \*\*\*

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

\*\*\*\*\*  
 \* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. \*  
 \* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE \*  
 \* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE \*  
 \* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. \*  
 \* FOR PRICE INFORMATION SEE HELP COST \*  
 \*\*\*\*\*

#### NEW

- \* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE SEARCHED, SELECTED AND TRANSFERRED.
- \* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES, ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A COMPOUND AT A GLANCE.

=> d his

(FILE 'HOME' ENTERED AT 19:14:44 ON 25 MAY 2005)

FILE 'REGISTRY' ENTERED AT 19:14:52 ON 25 MAY 2005

L1 STRUCTURE UPLOADED  
L2 0 S L1  
L3 0 S L1 FULL

FILE 'REGISTRY' ENTERED AT 19:18:21 ON 25 MAY 2005

L4 STRUCTURE UPLOADED  
L5 5 S L4  
L6 137 S L4 FULL

FILE 'CAPLUS' ENTERED AT 19:18:59 ON 25 MAY 2005

L7 2 S L6

FILE 'BEILSTEIN' ENTERED AT 19:20:02 ON 25 MAY 2005

=> s L4

SAMPLE SEARCH INITIATED 19:20:25 FILE 'BEILSTEIN'

SAMPLE SCREEN SEARCH COMPLETED - 68 TO ITERATE

100.0% PROCESSED 68 ITERATIONS  
SEARCH TIME: 00.00.05

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 866 TO 1854  
PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L4

=> fil caold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	331.28

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

FILE 'CAOLD' ENTERED AT 19:20:39 ON 25 MAY 2005

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGlstry for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> fil beilstein

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.43	331.71
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

FILE 'BEILSTEIN' ENTERED AT 19:20:48 ON 25 MAY 2005  
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FILE RELOADED ON OCTOBER 20, 2002  
 FILE LAST UPDATED ON APRIL 21, 2005

FILE COVERS 1771 TO 2004.  
 \*\*\* FILE CONTAINS 9,218,366 SUBSTANCES \*\*\*

>>>PLEASE NOTE: Reaction Data and substance data are stored in  
 separate documents and can not be searched together in one query.  
 Reaction data for BEILSTEIN compounds may be displayed  
 immediately with the display codes PRE (preparations) and REA  
 (reactions). A substance answer set retrieved after the search  
 for a chemical name, a compounds with available reaction  
 information by combining with PRE/FA, REA/FA or more generally  
 with RX/FA. The BEILSTEIN Registry Number (BRN) is the link  
 between a BEILSTEIN compound and belonging reactions. For mo  
 detailed reaction searches BRNs can be searched as reaction  
 partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

\*\*\*\*\*  
 \* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. \*  
 \* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE \*  
 \* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE \*  
 \* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. \*  
 \* FOR PRICE INFORMATION SEE HELP COST \*  
 \*\*\*\*\*

#### NEW

\* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE  
 SEARCHED, SELECTED AND TRANSFERRED.  
 \* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES,  
 ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A  
 COMPOUND AT A GLANCE.

=> s L4 full  
 FULL SEARCH INITIATED 19:20:55 FILE 'BEILSTEIN'  
 FULL SCREEN SEARCH COMPLETED - 1218 TO ITERATE

100.0% PROCESSED 1218 ITERATIONS 0 ANSWERS  
 SEARCH TIME: 00.00.15

L9 0 SEA SSS FUL L4

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.06	331.77
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

FILE 'CAOLD' ENTERED AT 19:21:23 ON 25 MAY 2005  
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FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s L4

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 19:21:26 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 200 TO ITERATE

100.0% PROCESSED 200 ITERATIONS 5 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 3152 TO 4848  
PROJECTED ANSWERS: 5 TO 234

L10 5 SEA SSS SAM L4

L11 0 L10

=> d cost

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
CONNECT CHARGES	0.37	5.00
NETWORK CHARGES	0.06	0.96
SEARCH CHARGES	0.00	321.80
DISPLAY CHARGES	0.00	5.30
<hr/>		<hr/>
FULL ESTIMATED COST	0.43	333.06
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

IN FILE 'CAOLD' AT 19:22:08 ON 25 MAY 2005

=> s L4 full

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 19:22:21 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3540 TO ITERATE

100.0% PROCESSED 3540 ITERATIONS  
SEARCH TIME: 00.00.01

137 ANSWERS

L12 137 SEA SSS FUL L4

L13 0 L12

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.43

494.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-1.46

STN INTERNATIONAL LOGOFF AT 19:22:46 ON 25 MAY 2005

5/25/05

10/668,920

G1 = C, O, S

G2 = C, H, Ar

G3 = H, C, Ar

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 19:04:45 ON 25 MAY 2005

=&gt; fil reg

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.21

TOTAL

SESSION

0.5 0.21

FILE 'REGISTRY' ENTERED AT 19:04:52 ON 25 MAY 2005

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\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

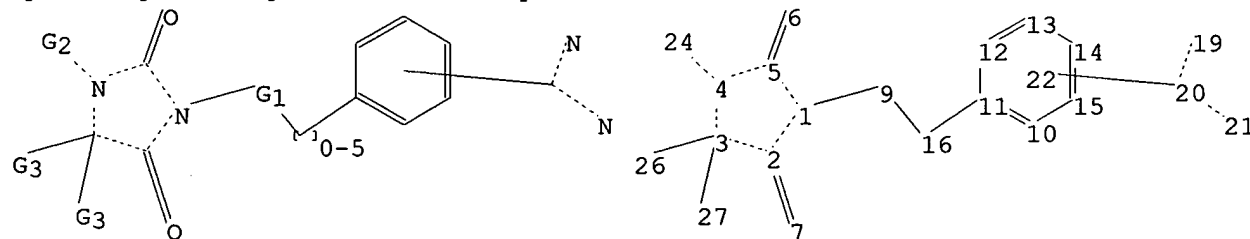
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=&gt;

Uploading C:\Program Files\Stnexp\Queries\10668920b.str



chain nodes :

6 7 9 16 19 20 21 24 26 27

ring nodes :  
 1 2 3 4 5 10 11 12 13 14 15  
 chain bonds :  
 1-9 2-7 3-26 3-27 4-24 5-6 9-16 11-16 19-20 20-21  
 ring bonds :  
 1-2 1-5 2-3 3-4 4-5 10-11 10-15 11-12 12-13 13-14 14-15  
 exact/norm bonds :  
 1-2 1-5 1-9 2-3 2-7 3-4 3-26 3-27 4-5 4-24 5-6 9-16 19-20 20-21  
 exact bonds :  
 11-16  
 normalized bonds :  
 10-11 10-15 11-12 12-13 13-14 14-15

G1:C,O,S

G2: Cy,Ak

G3:H,Cy,Ak

Match level :

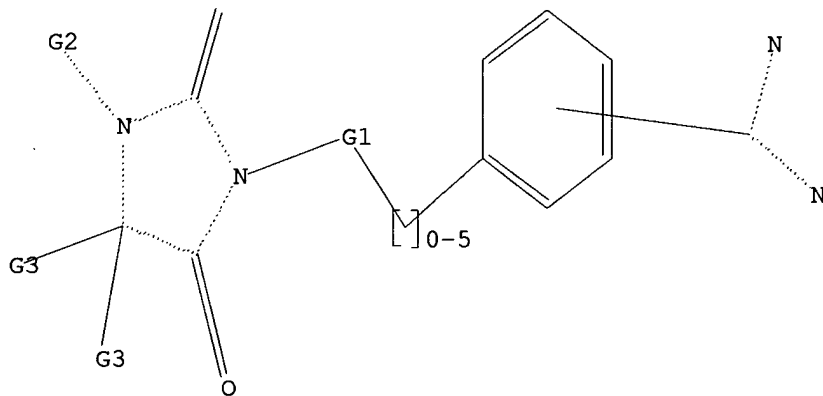
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom  
 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS  
 22:CLASS 24:CLASS 26:CLASS 27:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 ○ STR



G1 C,O,S

G2 Cy,Ak

G3 H,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s L1

SAMPLE SEARCH INITIATED 19:05:17 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 153 TO ITERATE

100.0% PROCESSED 153 ITERATIONS  
 SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2318 TO 3802  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L1 full

FULL SEARCH INITIATED 19:05:21 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 2755 TO ITERATE

100.0% PROCESSED 2755 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

L3 0 SEA SSS FUL L1

=> fil reg

~~COST-IN-U.S.~~ DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
163.48	163.69

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 19:08:23 ON 25 MAY 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 24 MAY 2005 HIGHEST RN 851066-92-7  
DICTIONARY FILE UPDATES: 24 MAY 2005 HIGHEST RN 851066-92-7

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

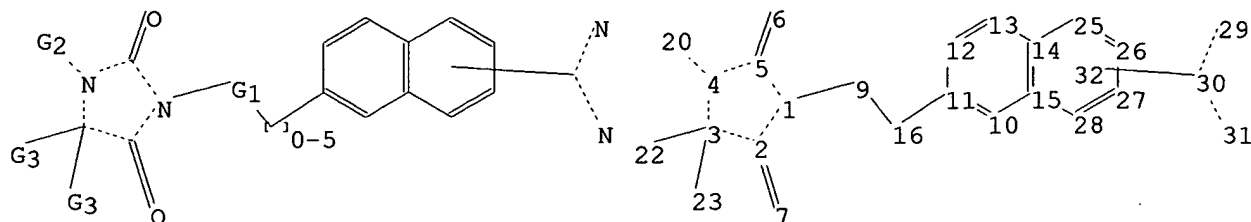
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10668920c.str





```

chain nodes :
6 7 9 16 20 22 23 29 30 31
ring nodes :
1 2 3 4 5 10 11 12 13 14 15 25 26 27 28
chain bonds :
1-9 2-7 3-22 3-23 4-20 5-6 9-16 11-16 29-30 30-31
ring bonds :
1-2 1-5 2-3 3-4 4-5 10-11 10-15 11-12 12-13 13-14 14-15 14-25 15-28
25-26 26-27 27-28
exact/norm bonds :
1-2 1-5 1-9 2-3 2-7 3-4 3-22 3-23 4-5 4-20 5-6 9-16 29-30 30-31
exact bonds :
11-16
normalized bonds :
10-11 10-15 11-12 12-13 13-14 14-15 14-25 15-28 25-26 26-27 27-28

```

G1:C,O,S

G2:Cy,Ak

G3:H,Cy,Ak

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 20:CLASS 22:CLASS 23:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:CLASS 30:CLASS 31:CLASS 32:CLASS

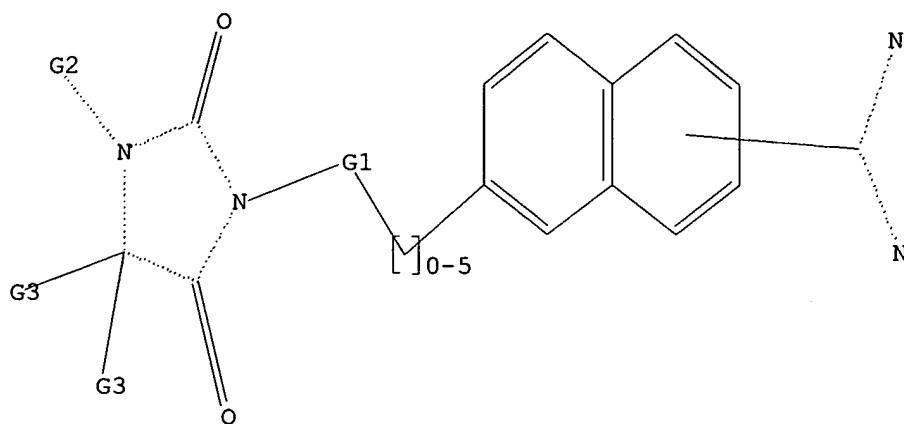
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L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



G1 C, O, S

G2 Cy, Ak

G3 H, Cy, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s L4

SAMPLE SEARCH INITIATED 19:08:52 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 15 TO ITERATE

100.0% PROCESSED 15 ITERATIONS

5 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 68 TO 532

PROJECTED ANSWERS: 5 TO 234

L5 5 SEA SSS SAM L4

=> s L4 full

FULL SEARCH INITIATED 19:09:03 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 272 TO ITERATE

100.0% PROCESSED 272 ITERATIONS

137 ANSWERS

SEARCH TIME: 00.00.01

L6 137 SEA SSS FUL L4

=> fil caplus

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
161.33	325.02

FILE 'CAPLUS' ENTERED AT 19:09:09 ON 25 MAY 2005

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FILE COVERS 1907 - 25 May 2005 VOL 142 ISS 22  
FILE LAST UPDATED: 24 May 2005 (20050524/ED)

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This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s L6

L7 2 L6

=> d 1-2 ibib abs

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:513339 CAPLUS

DOCUMENT NUMBER: 141:54344

TITLE: Preparation of imidazolidinediones as factor  
VIIa/tissue factor inhibitors for the treatment of  
thrombosis.

INVENTOR(S): Arnaiz, Damian O.; Chou, Yuo-Ling; Griedel, Brian D.;  
Mohan, Raju; Shaw, Kenneth J.

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany

SOURCE: U.S. Pat. Appl. Publ., 18 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

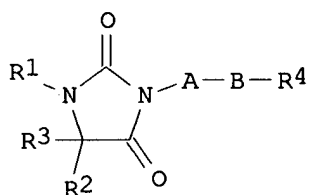
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

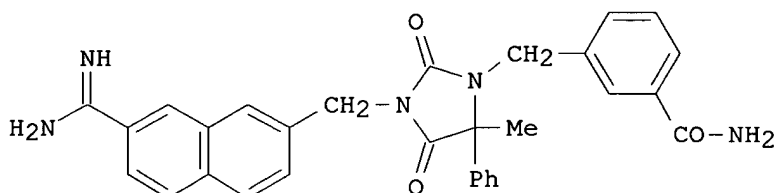
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004122073	A1	20040624	US 2003-668920	20030923
PRIORITY APPLN. INFO.:			US 2002-413067P	P 20020924
OTHER SOURCE(S):	MARPAT	141:54344		
GI				

*the app*



I



II

AB Tilte compds. I [R1 = alkyl, alkenyl, alkynyl, etc.; R2, R3 = alkyl, alkenyl, alkynyl, etc.; A = (un)substituted alkylene, alkylidene, alkylidyne, etc.; B = aryl, heteroaryl; R4 = amidine, carboxyamidine, hydroxyamidine, etc.] and their pharmaceutically acceptable salts and formulations were prepared For example, imidazolidinedione II trifluoroacetic acid salt was prepared from 5-methyl-5-phenylhydantoin in 3-steps. In factor VIIa/tissue factor inhibition assays, 90-examples of compds. I exhibited  $k_i$  values of about 5 $\mu$ M or less (sic). Compds. I are claimed useful as anticoagulant and antithrombotic agents.

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:869482 CAPLUS

DOCUMENT NUMBER: 137:365551

TITLE: Direct measurement of coagulation factor VIIa activity in plasma and application to screening of Factor VIIa inhibitors

INVENTOR(S): Chi, Liguo; Leadley, Robert Joseph, Jr.; Peng, Yun-Wen  
PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 14 pp.  
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002168700	A1	20021114	US 2002-141396	20020508
US 6773896	B2	20040810		
EP 1260817	A2	20021127	EP 2002-9326	20020502
EP 1260817	A3	20021218		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CA 2385212	AA	20021108	CA 2002-2385212	20020506
JP 2002360297	A2	20021217	JP 2002-131432	20020507
PRIORITY APPLN. INFO.:			US 2001-289539P	P 20010508

AB The present invention generally provides a method of measuring the biol. activity of coagulation factor VIIa (Factor VIIa). Specifically, the present invention provides a method for directly measuring the activity of Factor VIIa in a plasma sample. The method of the present invention includes the steps of combining a quantity of a plasma sample with

acetonitrile, drying the plasma sample, and combining the dried plasma with a solution containing a buffer, Factor VIIa, and a detectable Factor VIIa substrate (preferably chromogenic substrate). More specifically, the present invention provides a method for utilizing Factor VIIa activity as a bio-marker to monitor Factor VIIa inhibition to screen compds. which are able to inhibit the biol. activity of Factor VIIa. Plasma concentration of Factor VIIa inhibitors can be estimated based on the Factor VIIa assay of the invention in various concns. of plasma.

REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD.. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
6.20	331.22

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.46	-1.46

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STN INTERNATIONAL LOGOFF AT 19:10:16 ON 25 MAY 2005